



Alameda County

AUG 04 2005

Environmental Health

25064 VIKING ST.
HAYWARD, CA 94545
PH. 510/732-5700
FAX 510/732-6700

August 1, 2005

Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkwy, 2nd Fl.
Alameda, CA 94502-6577

Dear Ms. Drogos:

This letter is in regards to the claim number and site provided below:

CLAIM NUMBER 018281
20570 STANTON AVE
CASTRO VALLEY, CA 94546

Enclosed are copies of GROUNDWATER MONITORING & SAMPLING documents for the FOURTH QUARTER OF 2004 and the FIRST QUARTER OF 2005.

If you have any questions please contact me at (510) 732 -5700.

Sincerely,

Jagjeet Kapoor
CEO

File No. 2-00-706-ST

Alameda County

AUG 04 2005

Environmental Health

**FIRST QUARTER OF 2005 GROUNDWATER
MONITORING & SAMPLING AT THE PROPERTY
LOCATED AT 20570 STANTON AVENUE
CASTRO VALLEY, CALIFORNIA
APRIL 22, 2005**

**PREPARED FOR:
MR. SEAN KAPOOR
KAPOOR ENTERPRISES
25064 VIKING STREET
HAYWARD, CALIFORNIA 94545**

**BY:
ENVIRO SOIL TECH CONSULTANTS
131 TULLY ROAD
SAN JOSE, CALIFORNIA 95111**

ENVIRO SOIL TECH CONSULTANTS

LIST OF TABLES

TABLE 1 ... Groundwater Monitoring Data and Analytical Results

TABLE 2 ... Groundwater Analytical Results for Fuel Oxygenate
Compounds

LIST OF FIGURES

FIGURE 1 ... Site Vicinity Map Showing 20570 Stanton Avenue, Castro
Valley, California

FIGURE 2 ... Site Plan Showing Locations of Building, Pump Islands,
Monitoring Wells, Groundwater Flow Direction and
Groundwater Elevation Contour

FIGURE 3 ... TPHg Concentration Contour Map

FIGURE 4 ... Benzene Concentration Contour Map

FIGURE 5 ... MTBE Concentration Contour Map

LIST OF APPENDICES

APPENDIX "A" ... Table 1 and 2

APPENDIX "B" ... Figures 1, 2, 3, 4 and 5

APPENDIX "C" ... Hydrographs

APPENDIX "D" ... Standard Operating Procedures

APPENDIX "E" ... Laboratory Analytical Report and Chain-of-Custody
Documentation

TABLE OF CONTENTS

PAGE NO.

Letter of Transmittal	1-2
Purpose	3
Site Description	3
Background	3-6
Scope of Present Works	6
Field Activities	6
<i>Groundwater Monitoring</i>	7
<i>Groundwater Sampling</i>	7
Analytical Results	8
Groundwater Flow Direction	8
Summary	9
Recommendations	9
Limitations	9-10
 <u>APPENDIX "A"</u>	
Table 1 - Groundwater Monitoring Data Analytical Results	T1-T2
Table 2 - Groundwater Analytical Results for Hydrocarbons Fuel Oxygenates (8260B)	T3-T4


File No. 2-00-706-ST

It is the responsibility of the owner and/or his/her representative agent to make sure a copy of this report is sent to Alameda County Health Care Services Agency (ACHCSA) and California Regional Water Quality Control Board-San Francisco Bay Region (CRWQCB-SFBR) for their comments and recommendations.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS


FRANK HAMEDI-FARD
GENERAL MANAGER


LAWRENCE KOO, P. E.
C. E. #34928

PURPOSE:

The purpose of this investigation was to determine the direction of groundwater flow and the extent of subsurface hydrocarbon contamination at the subject site.

The groundwater monitoring and sampling was conducted in accordance with ESTC's Standard Operation Procedure (SOP) and Alameda County Health Care Services Agency (ACHCSA) guidelines.

SITE DESCRIPTION:

The site is located at the southeast corner of San Carlos Avenue and Stanton Avenue, in Castro Valley, California (Figure 1). The site is currently used as a quick stop mini mart. The site is relatively flat, and the surrounding properties are primarily residential and light commercial businesses.

BACKGROUND:

On February 24, 2000, two 10,000gallon underground storage gasoline tanks were removed by Johnson Tank Testing and Maintenance.

During tanks removal activities, ESTC was retained by Mr. Randy Johnson of Johnson Tank Testing and Maintenance to conduct soil sampling from the tanks excavations. In addition, at the request of Mr. Robert Weston of ACHCSA-EHS, soil sampling was also conducted on the stockpiled soil and between the two removed underground storage tank areas. All soil sampling activities were conducted under the supervision of Mr. Robert Weston of ACHCSA-EHS.

The soil samples from the tanks and from between the tanks area were collected at approximately 2 feet below the excavation areas.

The four soil samples from the two 10,000 gallon UST excavations areas detected TPHg upto 11 milligram per kilogram (mg/Kg), and the maximum levels detected BTEX were (0.07 mg/Kg; 0.26 mg/Kg; 0.15 mg/Kg and 1.1 mg/Kg), respectively. MTBE in this area ranged between 0.11 mg/Kg to a maximum of 3.8 mg/Kg.

The soil samples between the two USTs area detected TPHg at 71 mg/Kg; BTEX at (0.22 mg/Kg; 0.47 mg/Kg; 0.49 mg/Kg and 3.7 mg/Kg, respectively) and MTBE at 1.2 mg/Kg.

The stockpiled soil samples detected TPHg upto 1,100 mg/Kg; BTEX at (4.2 mg/Kg; 22 mg/Kg; 12 mg/Kg and 110 mg/Kg); MTBE at 12 mg/Kg and Total lead at 11 mg/Kg.

The details of soil sampling is described in ESTC's report entitled "Soil Sampling Beneath Removed USTs at the Property...", dated March 8, 2000.

Since concentrations of TPHg, BTEX and MTBE were detected in the soil samples collected during USTs removal, further investigation was verbally requested by the Alameda County Health Care Services Agency (ACHCSA).

EST was retained by Mr. Sean Kapoor to conduct further investigation as requested by ACHCSA. A detailed proposed work plan, which was prepared by ESTC for the further investigation of the property, is described in a report entitled "Proposed Work Plan for Preliminary Site Assessment for the Property...", dated May 18, 2000.

On July 25 and 26, 2000, ESTC over-excavated the contaminated soil in the vicinity of former gasoline tanks areas to a practical extent. Approximately 150 cubic yards of contaminated soil was over-excavated.

Excavated soil from the removed USTs and over-excavation activities were stored on-site, sampled prior to treatment and treated by bio-remediation on a weekly basis. The details of the bio-remediation activities of the stockpiled soil is described in ESTC's report entitled "Interim Corrective Action for the Property...", dated August 17, 2000.

ESTC sampled the stockpiled soil to confirm if bio-treatment of the stockpiled soil was successful in reducing the contamination levels in the stockpiled soil. Upon approval of acceptance from Republic Services Vasco Road Landfill (former BFI Landfill), approximately 500 yards of soil were disposed at Republic Services Landfill in the City of Livermore. The details of sampling and disposal activities is described in ESTC's report entitled "Soil Sampling, Treatment and Disposal of Contaminated Stockpiled Soil from the Property...", dated August 21, 2000.

After ESTC's work plan (dated May 18, 2000) was approved by the Alameda County Health Cares Services Agency (ACHCSA), ESTC performed a preliminary soil and groundwater assessment of the subject property in September 2000.

The details of the preliminary soil and groundwater assessment are described in ESTC's report entitled "Preliminary Soil and Groundwater Assessment at the Property...", dated October 13, 2000. The report recommended quarterly monitoring and sampling of the on-site wells for at least one year.

Up-to-date, ESTC has conducted one quarterly groundwater monitoring and sampling of the on-site wells. The details of groundwater monitoring and sampling are described in ESTC's report entitled "Quarterly Groundwater Monitoring and Sampling at the Property...", dated January 19, 2001.

During concrete paving of the subject property parking lot done by Kapoor Enterprises' contract, two of the wells were damaged. ESTC halted the quarterly groundwater monitoring and sampling events until the wells were fixed.

SCOPE OF PRESENT WORK:

- Measured depth-to-water table in the three on-site wells STMW-1, STMW-2 and STMW-3 and monitored for presence of any floating product and/or odor.
- Purged each monitoring well prior to sampling.
- Sampled monitoring wells STMW-1, STMW-2 and STMW-3 for laboratory analyses.
- Submitted water samples to a State-Certified laboratory for analyses of Total Petroleum Hydrocarbons as gasoline (TPHg), BTEX, MTBE and other hydrocarbon fuel oxygenated constituents per EPA Method 8260B.
- Reviewed results and prepared a report of the investigation.

FIELD ACTIVITIES:

The three monitoring wells (STMW-1 through STMW-3) were monitored for the presence of floating product(s) and/or any distinctive odor. Groundwater samples were collected and submitted to a state-certified laboratory for analyses.

GROUNDWATER MONITORING:

On March 24, 2005, ESTC's staff monitored three on-site wells to measure water depth and check for the presence of sheen and/or odor.

The recent water measurement revealed that the wells screen are submerged at least 7 to 8 feet.

During monitoring of the wells, rainbow sheen and sewerage odor were detected in groundwater samples from monitoring well STMW-1. Sewerage odor was noted in groundwater sample from well STMW-2. No sheen or odor was noted in the groundwater sample from well STMW-3.

GROUNDWATER SAMPLING:

Water samples from the three monitoring wells (STMW-1, STMW-2 and STMW-3) were collected and analyzed for TPHg, BTEX, MTBE and other hydrocarbon fuel oxygenate constituents per EPA Method 8260B. Approximately four to five well volumes of water was purged from each well using a bailer before the sample was collected in order to assure that the sample was representative of surrounding groundwater. A stainless steel bailer was used for sample collection. Water sampling equipment was decontaminated before and after each well sampling using Tri-sodium Phosphate (TSP) and water wash, followed by double rinsing. Groundwater samples were contained in 40-milliliter glass vials with Teflon-lined septa. After labeling, they were immediately stored in a cold ice chest. Strict chain-of-custody procedures were maintained during sample acquisition, storage and transport. The sampling was conducted in accordance with ESTC's Standard Operation Procedures (Appendix "C") and SCVWD guidelines.

ANALYTICAL RESULTS:

The water samples from the monitoring wells were submitted to Entech Analytical Labs, in Santa Clara, California to be analyzed for TPHg, BTEX, MTBE and other hydrocarbon fuel oxygenated constituents (per EPA Method 8260B).

Groundwater samples from monitoring wells detected TPHg ranging from non-detectable (well STMW-3) to the maximum of 760 microgram per liter ($\mu\text{g/L}$) (well STMW-2), Benzene ranging from non-detectable (wells STMW-2 and STMW-3) to maximum of 43 $\mu\text{g/L}$ (STMW-1), Toluene ranging from non-detectable (STMW-2 and STMW-3) to maximum of 140 $\mu\text{g/L}$ (STMW-1), Ethylbenzene ranging from non-detectable (STMW-2 and STMW-3) to maximum of 16 $\mu\text{g/L}$ (STMW-1), Total Xylenes ranging from non-detectable (STMW-2 and STMW-3) to maximum of 110 $\mu\text{g/L}$ (STMW-1) and MTBE ranging from 1.4 $\mu\text{g/L}$ (STMW-3) to maximum of 930 $\mu\text{g/L}$ (STMW-2). Only monitoring wells STMW-1 and STMW-2 detected other hydrocarbon fuel oxygenated constituents in the groundwater samples. A summary of groundwater monitoring data and analytical results are presented in Table 1 (Appendix "A"). The laboratory analytical report is included in Appendix "E".

GROUNDWATER FLOW DIRECTION:

In order to estimate groundwater gradient and flow direction, a level and depth survey was conducted. Depths to groundwater was measured relative to an arbitrarily established datum assumed to be 100 feet above sea level. Well casing and ground surface elevations are summarized in Table 1. The results of this investigation indicated northeasterly direction of groundwater flow as of March 24, 2005.

SUMMARY:

Rainbow sheen and sewerage odor were noted in monitoring well STMW-1. Sewerage odor was noted in well STMW-2, and no sheen or odor was noted in well STMW-3. All the monitoring wells (STMW-1, STMW-2 and STMW-3) detected MTBE in the water samples. Only monitoring well STMW-1 detected BTEX in the water sample. Monitoring wells STMW-1 and STMW-2 detected TPHg and other fuel hydrocarbon oxygenates constituents in the groundwater samples. Monitoring wells STMW-2 and STMW-3 detected BTEX below laboratory detection limit.

RECOMMENDATIONS:

Since two out of three monitoring wells continued to detect dissolved TPHg, and all three monitoring wells detected MTBE in the groundwater, ESTC recommends continuation of quarterly groundwater monitoring and sampling of on-site monitoring wells. Furthermore, since the screen of all the wells are submerged, water samples may not be representative of the surrounding groundwater; therefore, we recommend further investigation and/or replacement of the existing wells.

LIMITATIONS:

This report and the associated work have been provided in accordance with the general principles and practices currently employed in the environmental consulting profession. The contents of this report reflect the conditions of the site at this particular time. The findings of this report are based on:

- 1) The observations of field personnel.
- 2) The results of laboratory analyses performed by a state-certified laboratory.

It is possible that variations in the soil and groundwater could exist beyond the points explored in this investigation. Also, changes in groundwater conditions of a property can occur with the passage of time due to variations in rainfall, temperature, regional water usage and other natural processes or the works of man on this property or adjacent properties.

This report is issued with the understanding that it is the responsibility of the owner or his/her representative to ensure that the information and recommendations contained herein are called to the attention of the Local Environmental Agency.

Services performed by ESTC have been in accordance with generally accepted environmental professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. This report is not meant to represent a legal opinion. No other warranty, express or implied is made.

File No. 2-00-706-ST

A P P E N D I X "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

TABLE 1
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
10/04/00	STMW-1 (97.93)	23	14	8.34*	89.59	No sheen Light petroleum odor	60000	ND <2500	ND <2500	ND <2500	ND <2500	69000
1/04/01				7.86*	90.07	No sheen Light sewerage odor	71000	ND <5000	ND <5000	ND <5000	ND <5000	89000
3/16/04				5.70*	92.23	No sheen Sewerage odor	260	52	64	7.9	38	39
7/05/04				4.82*	93.11	No sheen Sewerage odor	2100	17	240	2.6	12	520
12/28/04				6.82*	91.11	No sheen Sewerage odor	310	89	90	11	43	32
3/24/05				5.63*	92.30	Rainbow sheen Sewerage odor	630	43	140	16	110	20
10/04/00	STMW-2 (99.04)	22	13	8.22*	90.82	No sheen or odor	69	ND<5	ND<5	ND<5	ND<5	66
1/04/01				6.70*	92.34	No sheen or odor	110	ND<5	ND<5	ND<5	ND<5	120
3/16/04				6.08*	92.96	No sheen Sewerage odor	1100a	ND<10	ND<10	ND<10	ND<20	1700
7/05/04				6.86*	92.18	No sheen or odor	1800b	ND<10	ND<10	ND<10	ND<20	1800
12/28/04				6.22*	92.82	No sheen or odor	1000b	ND<13	ND<13	ND<13	ND<13	1400
3/24/05				5.12*	93.92	No sheen Sewerage odor	760	ND<5	ND<5	ND<5	ND<5	930
10/04/00	STMW-3 (99.60)	22	13	8.42*	91.18	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<5
1/04/01				6.16*	93.44	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<5
3/16/04				7.18*	92.42	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	2.8
7/05/04				6.27*	93.33	No sheen or odor	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	2.5
12/28/04				5.64*	93.96	No sheen or odor	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2

**TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)**

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
3/24/05	STMW-3 (99.60)	22	13	5.12*	94.48	No sheen or odor	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4

TPHg - Total Petroleum Hydrocarbons as gasoline

MTBE - Methyl Tertiary Butyl Ether

NMFP - Non-Measurable Floating Product

NA - Not Analyzed

* Well screens are submerged

b TPH as gasoline reported value due to high concentration of MTBE present in the TPH as gasoline quantitation range

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

GW Elev. - Groundwater Elevation

Perf. - Perforation

ND - Not Detected (Below Laboratory Reporting Limit)

a - No other indication of gasoline besides MTBE

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR
HYDROCARBON FUEL OXYGENATES (EPA 8260B)
IN MILLIGRAM PER LITER ($\mu\text{g/L}$)

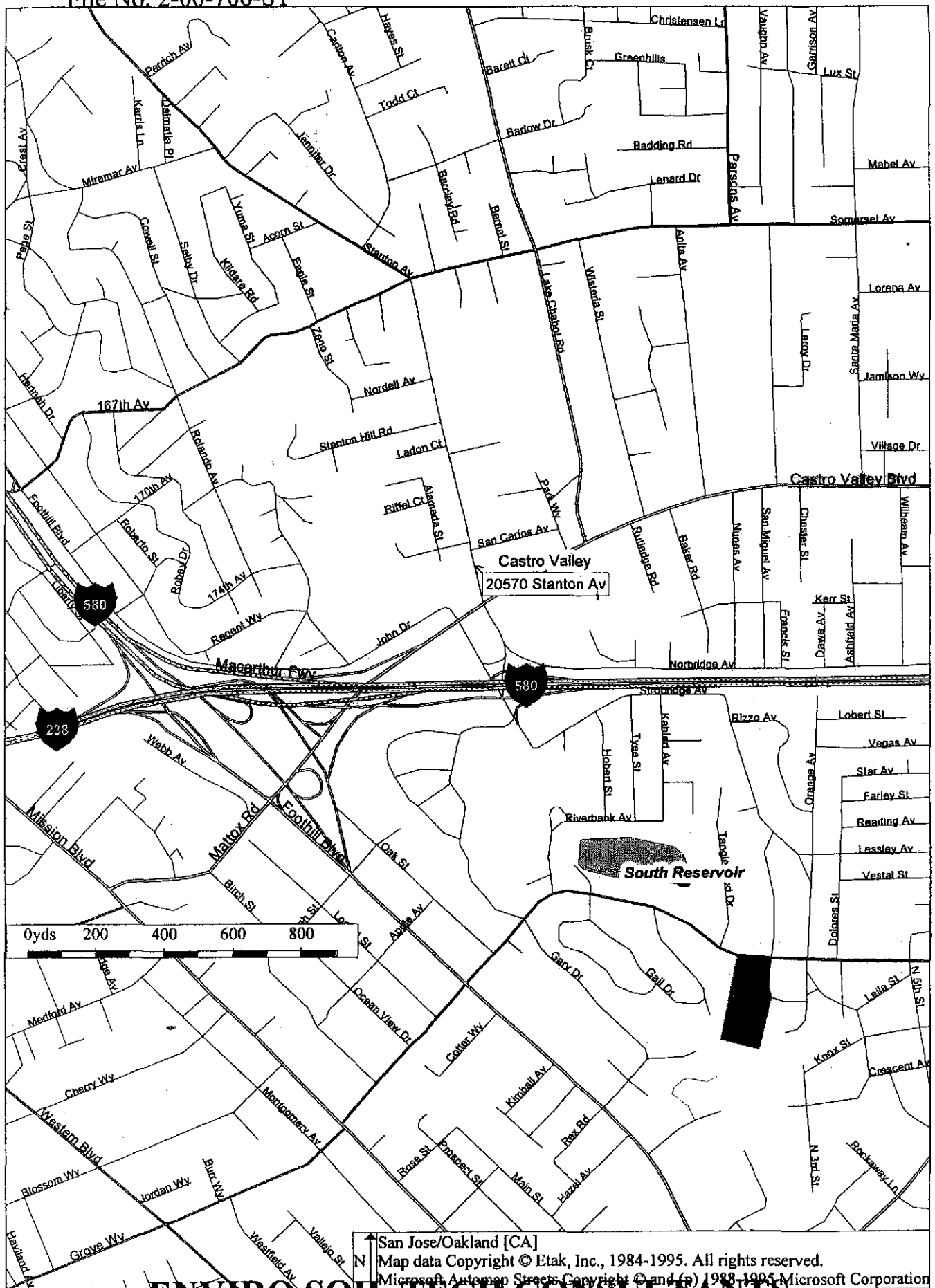
Date	Well No.	Hydrocarbon Fuel Oxygenates	Detection
10/04/00	STMW-1	Methyl tert-butyl Ether	69000
1/04/01		Methyl tert-butyl Ether	89000
3/16/04		1,2,4-Trimethylbenzene	5.2
		2-Butanone (MEK)	21
		Acetone	22
		Benzene	52
		Carbon Disulfide	0.75
		Ethylbenzene	7.9
		Methyl tert-butyl Ether	39
		Styrene	1.5
		Toluene	64
		Xylenes, Total	38
7/05/04		Acetone	820
		Benzene	17
		Ethylbenzene	2.6
		Methyl tert-butyl Ether	520
		Toluene	240
		Xylenes, Total	12
12/28/04		Benzene	89
		Ethylbenzene	11
		Methyl tert-butyl Ether	32
		Toluene	90
		Xylenes, Total	43
3/24/05		1,2,4-Trimethylbenzene	13
		Acetone	46
		Benzene	43
		Ethylbenzene	16
		Methyl tert-butyl Ether	20
		Toluene	140
		Xylenes, Total	110
10/04/00	STMW-2	Methyl tert-butyl Ether	66
1/04/01		Methyl tert-butyl Ether	120
3/16/04		Methyl tert-butyl Ether	1700
7/05/04		Methyl tert-butyl Ether	1800
12/28/04		Methyl tert-butyl Ether	1400
3/24/05		Methyl tert-butyl Ether	930
		tert-Butanol (TBA)	180
10/04/00	STMW-3	None Detected	<5
1/04/01		None Detected	<5

TABLE 2 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
HYDROCARBON FUEL OXYGENATES (EPA 8260B)
IN MILLIGRAM PER LITER ($\mu\text{g/L}$)

Date	Well No.	Hydrocarbon Fuel Oxygenates	Detection
3/16/04	STMW-3	Methyl tert-butyl Ether	2.8
7/05/04		Methyl tert-butyl Ether	2.5
12/28/04		Methyl tert-butyl Ether	2
3/24/05		Methyl tert-butyl Ether	1.4

A P P E N D I X "B"

FIGURES

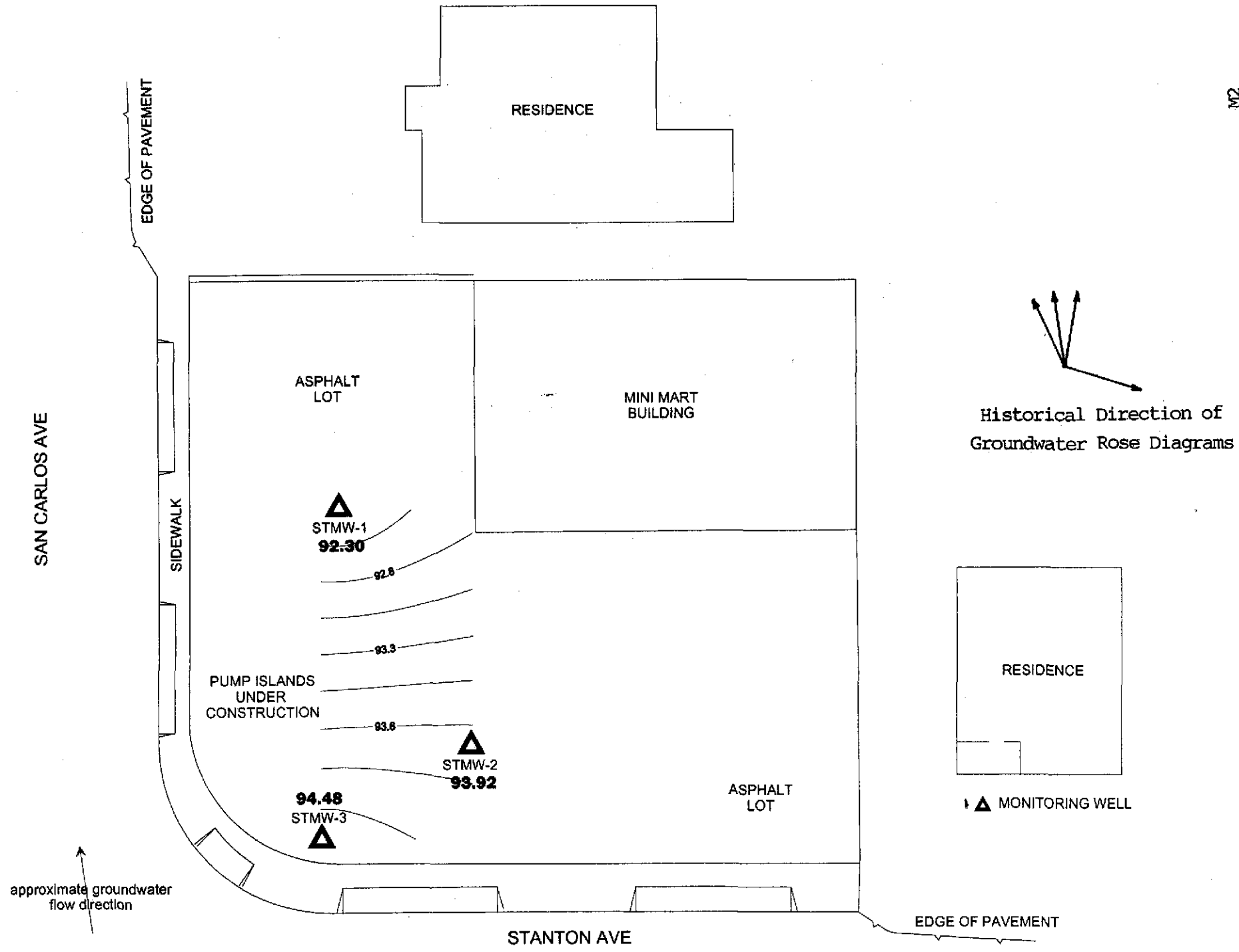


San Jose/Oakland [CA]
Map data Copyright © Etak, Inc., 1984-1995. All rights reserved.
Microsoft Automap Streets Copyright © and (p) 1988-1995 Microsoft Corporation

ENVIRO SOIL TECH CONSULTANTS

Figure 1

File No. 2-00-706-ST



approximate groundwater flow direction

Historical Direction of Groundwater Rose Diagrams

▲ MONITORING WELL

STANTON AVE

EDGE OF PAVEMENT

EDGE OF PAVEMENT

SAN CARLOS AVE

SIDEWALK

PUMP ISLANDS UNDER CONSTRUCTION

ASPHALT LOT

MINI MART BUILDING

RESIDENCE

ASPHALT LOT

STMW-1
92.30

STMW-2
93.92

STMW-3
94.48

92.8

93.3

93.8

approximate scale in feet

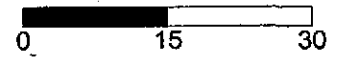


Figure 2: Groundwater elevation contour in feet. March 24, 2005.

File No. 2-00-706-ST

SAN CARLOS AVE

EDGE OF PAVEMENT

SIDEWALK

RESIDENCE

ASPHALT LOT

MINI MART BUILDING

PUMP ISLANDS UNDER CONSTRUCTION

<25
STMW-3

ASPHALT LOT

TPH-g
ug/L



RESIDENCE

- ▲ MONITORING WELL
- < LESS THAN LAB REPORTING LIMIT

EDGE OF PAVEMENT

STANTON AVE

approximate scale in feet

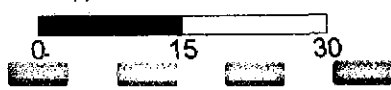
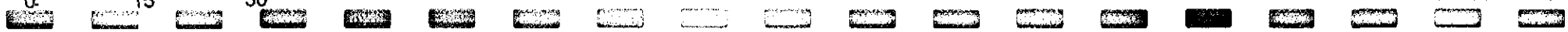


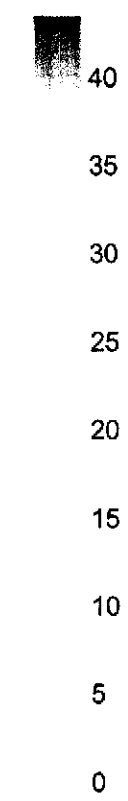
Figure 3: Contour map of TPH-g concentrations in the groundwater. March 24, 2005.

ENVIRO SOIL
TECH CONSULTANTS



File No. 2-00-706-ST

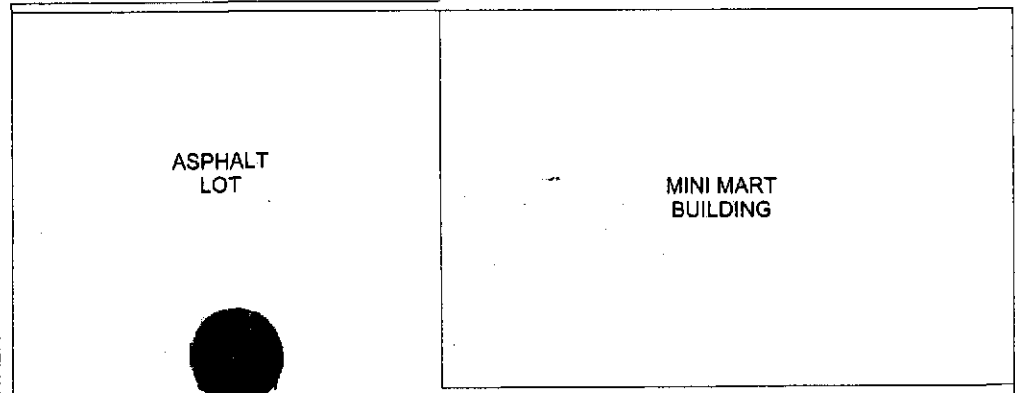
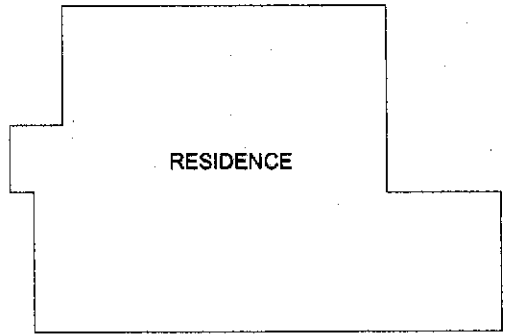
Benzene ug/L



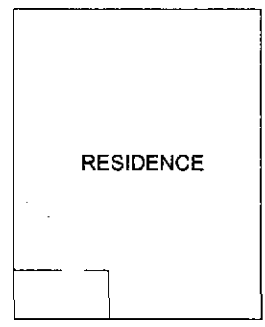
SAN CARLOS AVE

EDGE OF PAVEMENT

SIDEWALK



ASPHALT LOT



- ▲ MONITORING WELL
- < LESS THAN LAB REPORTING LIMIT

Benzene in ug/L

STANTON AVE

EDGE OF PAVEMENT

approximate scale in feet

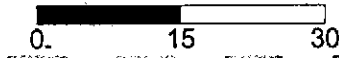


Figure 4: Map of Benzene concentrations in the groundwater. March 24, 2005.

ENVIRO SOIL
TECH CONSULTANTS



SAN CARLOS AVE

EDGE OF PAVEMENT

SIDEWALK

ASPHALT LOT

▲
STMW-1
20

PUMP ISLANDS
UNDER CONSTRUCTION

1.4
▲
STMW-3

ASPHALT LOT

MINI MART
BUILDING

RESIDENCE

STANTON AVE

MtBE
ug/L

900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0

RESIDENCE

▲ MONITORING WELL
◁ LESS THAN LAB REPORTING LIMIT

approximate scale in feet

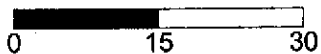


Figure 5: Contour map of MtBE concentrations in the groundwater. March 24, 2005.

ENVIRO SOIL
TECH CONSULTANTS



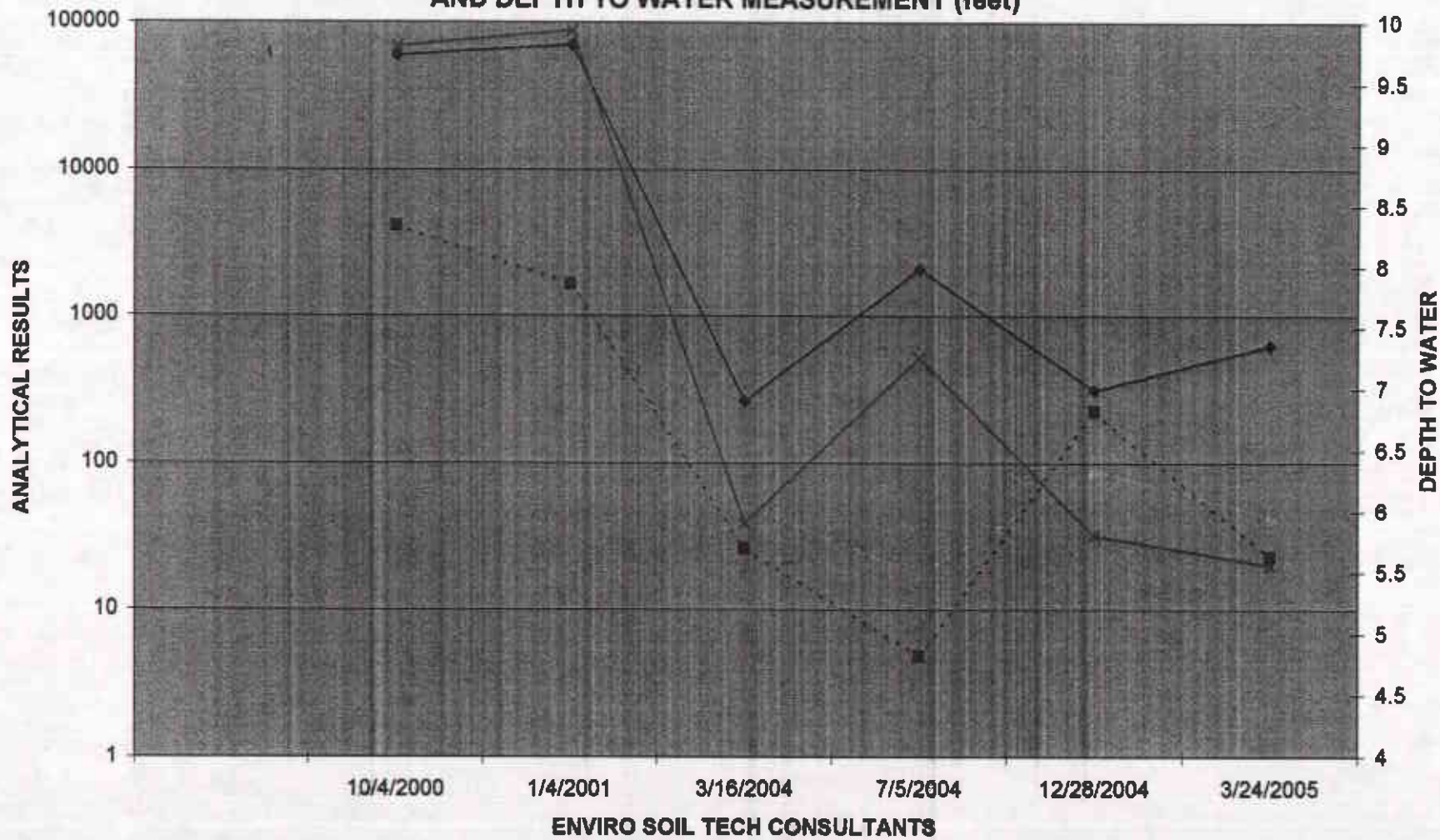
File No. 2-00-706-ST

A P P E N D I X "C"

HYDROGRAPHS

ENVIRO SOIL TECH CONSULTANTS

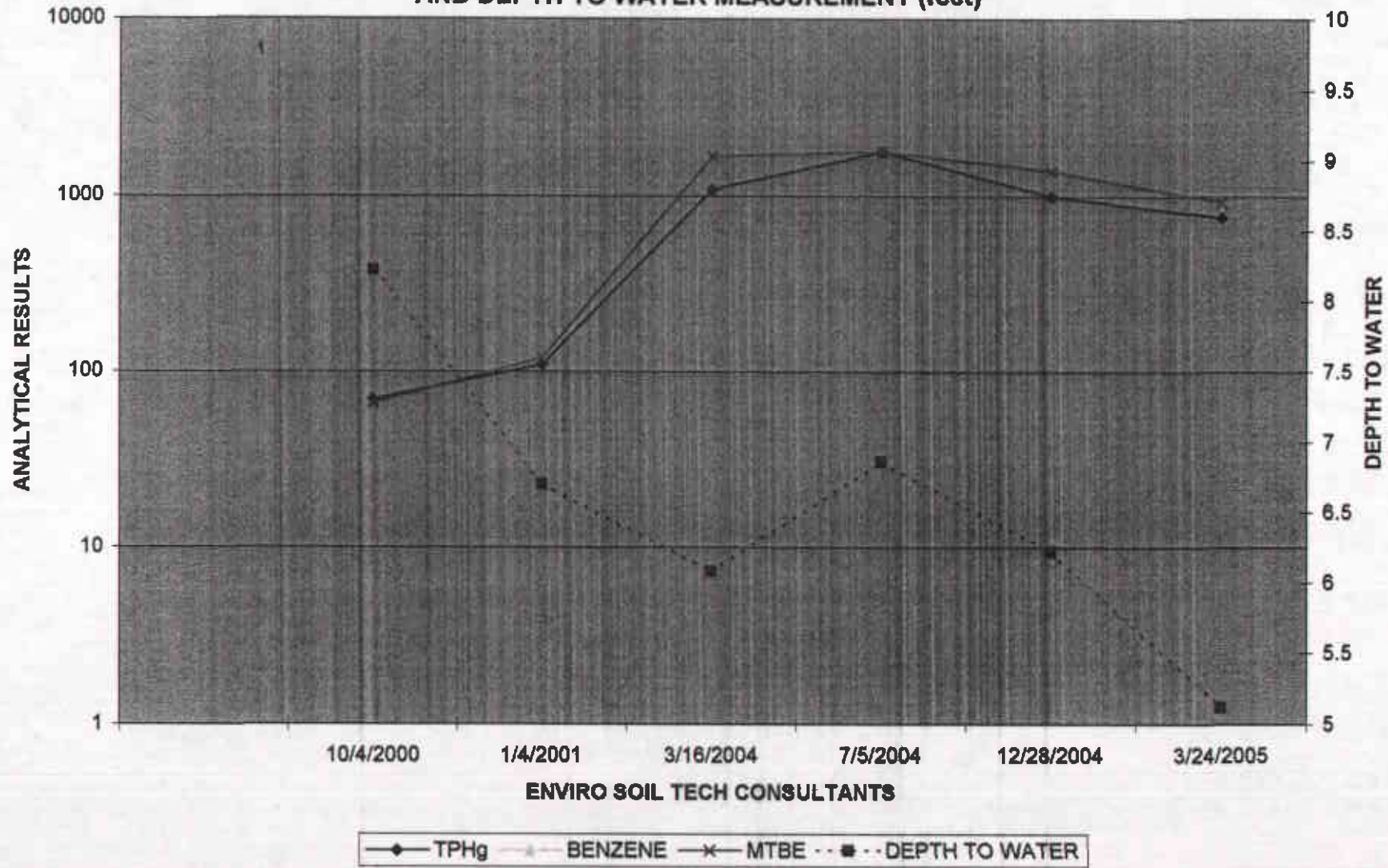
File No.: 2-00-706-ST
 TPHg, BENZENE & MTBE RESULTS FOR STMW-1 (µg/L)
 AND DEPTH TO WATER MEASUREMENT (feet)



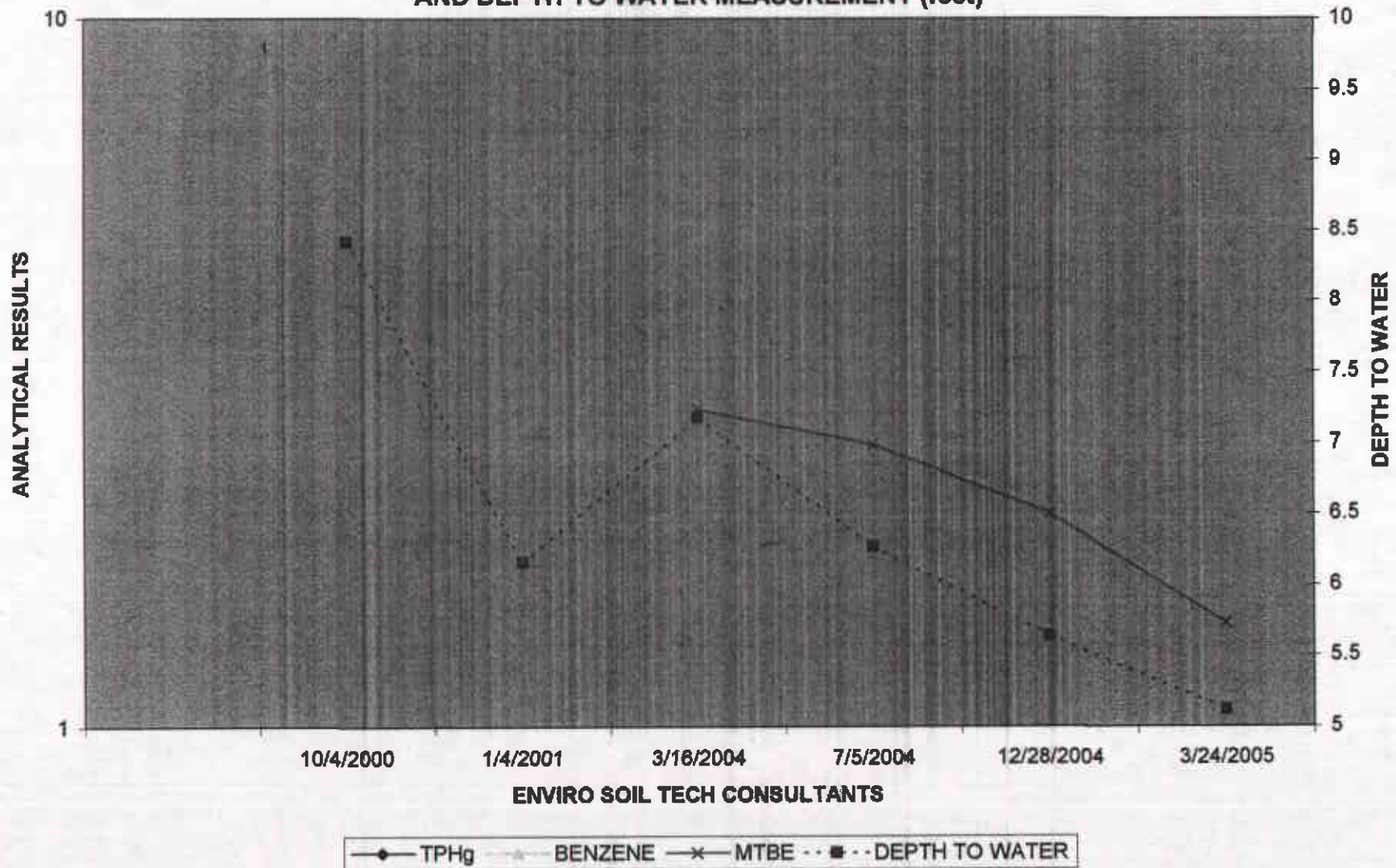
—◆— TPHg - - - ■ - - - DEPTH TO WATER
 - - - * - - - BENZENE —×— MTBE

ENVIRO SOIL TECH CONSULTANTS

File No.: 2-00-706-ST
**TPHg, BENZENE & MTBE RESULTS FOR STMW-2 ($\mu\text{g/L}$)
 AND DEPTH TO WATER MEASUREMENT (feet)**



File No.: 2-00-706-ST
TPHg, BENZENE & MTBE RESULTS FOR STMW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-ST

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

GROUNDWATER SAMPLING

Prior to collection of groundwater samples, all of the sampling equipment (i.e. bailer, cables, bladder pump, discharge lines and etc.) was cleaned by pumping TSP water solution followed by distilled water.

Prior to purging, the well "Water Sampling Field Survey Forms" were filled out (depth to water and total depth of water column were measured and recorded). The well was then bailed or pumped to remove four to ten well volumes or until the discharged water temperature, conductivity and pH stabilized. "Stabilized" is defined as three consecutive readings within 15% of one another.

The groundwater sample was collected when the water level in the well recovered to 80% of its static level.

Forty milliliter (ml.), glass volatile organic analysis (VOA) vials with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap was quickly placed over the top of the vials and securely tightened. The VOA vials were then inverted and tapped to see if air bubbles were present. If none were present, the sample was labeled and refrigerated for delivery under chain-of-custody to the laboratory. The label information would include a sample identification number, job identification number, date, time, type of analysis requested, and the sampler's name.

File No. 2-00-706-ST

A P P E N D I X "E"

LABORATORY REPORT

ENVIRO SOIL TECH CONSULTANTS

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Frank Hamedi
Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111

Certificate ID: 42950 - 4/8/2005 5:15:49 PM

Order Number: 42950
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-SI

Date Received: 3/25/2005 12:22:15 PM
P.O. Number: 2-00-706-SI

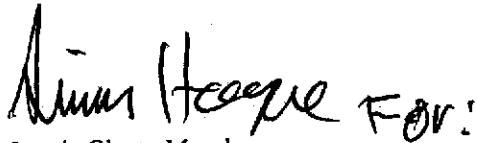
Certificate of Analysis - Final Report

On March 25, 2005, samples were received under chain of custody for analysis. Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test</u>	<u>Method</u>	<u>Comments</u>
Liquid	EPA 8260B TPH as Gasoline by GC/MS	EPA 8260B GC-MS	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

 FOR:

Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-001 Sample ID: STMW-1

Matrix: Liquid Sample Date: 3/24/2005 10:13 AM

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	630		2	50	µg/L	N/A	N/A	03/30/2005	WMS2050330

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.1	75 - 125
Dibromofluoromethane	99.0	75 - 125
Toluene-d8	94.7	75 - 125

Analyzed by: TAF
Reviewed by: MTU

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-002

Sample ID: STMW-2

Matrix: Liquid Sample Date: 3/24/2005 12:25 PM

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	760		10	250	µg/L	N/A	N/A	03/30/2005	WMS2050330

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.3	75 - 125
Dibromofluoromethane	101	75 - 125
Toluene-d8	93.5	75 - 125

Analyzed by: TAF

Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

4/8/2005 5:15:42 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-003

Sample ID: STMW-3

Matrix: Liquid Sample Date: 3/24/2005 11:20 AM

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	25	µg/L	N/A	N/A	03/29/2005	WMS2050329

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.7	75 - 125
Dibromofluoromethane	103	75 - 125
Toluene-d8	95.2	75 - 125

Analyzed by: TAF

Reviewed by: MTU

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-001

Sample ID: STMW-1

Matrix: Liquid

Sample Date: 3/24/2005

10:13 AM

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1,1-Trichloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1,2,2-Tetrachloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1,2-Trichloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1-Dichloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1-Dichloroethene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1-Dichloropropene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,3-Trichlorobenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,3-Trichloropropane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,4-Trichlorobenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,4-Trimethylbenzene	13		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dibromo-3-Chloropropane	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dibromoethane (EDB)	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dichlorobenzene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dichloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dichloropropane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,3,5-Trimethylbenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,3-Dichlorobenzene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,3-Dichloropropane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,4-Dichlorobenzene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,4-Dioxane	ND		2	100	µg/L	N/A	N/A	03/30/2005	WMS2050330
2,2-Dichloropropane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Butanone (MEK)	ND		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Chloroethyl-vinyl Ether	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Chlorotoluene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Hexanone	ND		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
4-Chlorotoluene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
4-Methyl-2-Pentanone(MIBK)	ND		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acetone	46		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acetonitrile	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acrolein	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acrylonitrile	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Benzene	43		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Benzyl Chloride	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromobenzene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromochloromethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromodichloromethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromoform	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromomethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Carbon Disulfide	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Carbon Tetrachloride	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chlorobenzene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chloroform	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chloromethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-001 Sample ID: STMW-1 Matrix: Liquid Sample Date: 3/24/2005 10:13 AM

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
cis-1,3-Dichloropropene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Cyclohexanone	ND		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
Dibromochloromethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Dibromomethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Dichlorodifluoromethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Diisopropyl Ether	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Ethyl Benzene	16		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Freon 113	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Hexachlorobutadiene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Iodomethane	ND		2	2	µg/L	N/A	N/A	03/30/2005	WMS2050330
Isopropanol	ND		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
Isopropylbenzene	ND		2	2	µg/L	N/A	N/A	03/30/2005	WMS2050330
Methyl-t-butyl Ether	20		2	2	µg/L	N/A	N/A	03/30/2005	WMS2050330
Methylene Chloride	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
n-Butylbenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
n-Propylbenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Naphthalene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
p-Isopropyltoluene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Pentachloroethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
sec-Butylbenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Styrene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Amyl Methyl Ether	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Butanol (TBA)	ND		2	20	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Butyl Ethyl Ether	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Butylbenzene	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Tetrachloroethene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Tetrahydrofuran	ND		2	40	µg/L	N/A	N/A	03/30/2005	WMS2050330
Toluene	140		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
trans-1,2-Dichloroethene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
trans-1,3-Dichloropropene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
trans-1,4-Dichloro-2-butene	ND		2	2	µg/L	N/A	N/A	03/30/2005	WMS2050330
Trichloroethene	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Trichlorofluoromethane	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Vinyl Acetate	ND		2	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Vinyl Chloride	ND		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330
Xylenes, Total	110		2	1	µg/L	N/A	N/A	03/30/2005	WMS2050330

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	75 - 125
Dibromofluoromethane	112	75 - 125
Toluene-d8	109	75 - 125

Analyzed by: TAF
Reviewed by: MTU

B = This analyte found in the associated Method Blank.
Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-002 Sample ID: STMW-2

Matrix: Liquid Sample Date: 3/24/2005 12:25 PM

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1,1-Trichloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1,2,2-Tetrachloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1,2-Trichloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1-Dichloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1-Dichloroethene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,1-Dichloropropene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,3-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,3-Trichloropropane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,4-Trichlorobenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2,4-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dibromo-3-Chloropropane	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dibromoethane (EDB)	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dichlorobenzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dichloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,2-Dichloropropane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,3,5-Trimethylbenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,3-Dichlorobenzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,3-Dichloropropane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,4-Dichlorobenzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
1,4-Dioxane	ND		10	500	µg/L	N/A	N/A	03/30/2005	WMS2050330
2,2-Dichloropropane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Butanone (MEK)	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Chloroethyl-vinyl Ether	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
2-Hexanone	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
4-Chlorotoluene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
4-Methyl-2-Pentanone(MIBK)	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acetone	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acetonitrile	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acrolein	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Acrylonitrile	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Benzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Benzyl Chloride	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromobenzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromochloromethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromodichloromethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromoform	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Bromomethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Carbon Disulfide	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Carbon Tetrachloride	ND		1	0.5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chlorobenzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chloroform	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Chloromethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-002 Sample ID: STMW-2

Matrix: Liquid Sample Date: 3/24/2005 12:25 PM

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
cis-1,3-Dichloropropene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Cyclohexanone	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
Dibromochloromethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Dibromomethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Dichlorodifluoromethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Diisopropyl Ether	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Ethyl Benzene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Freon 113	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Hexachlorobutadiene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Iodomethane	ND		10	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Isopropanol	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
Isopropylbenzene	ND		10	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Methyl-t-butyl Ether	930		10	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Methylene Chloride	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
n-Butylbenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
n-Propylbenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Naphthalene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
p-Isopropyltoluene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Pentachloroethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
sec-Butylbenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Styrene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Amyl Methyl Ether	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Butanol (TBA)	180		10	100	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Butyl Ethyl Ether	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
tert-Butylbenzene	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Tetrachloroethene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Tetrahydrofuran	ND		10	200	µg/L	N/A	N/A	03/30/2005	WMS2050330
Toluene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
trans-1,2-Dichloroethene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
trans-1,3-Dichloropropene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
trans-1,4-Dichloro-2-butene	ND		10	10	µg/L	N/A	N/A	03/30/2005	WMS2050330
Trichloroethene	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Trichlorofluoromethane	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Vinyl Acetate	ND		10	50	µg/L	N/A	N/A	03/30/2005	WMS2050330
Vinyl Chloride	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330
Xylenes, Total	ND		10	5	µg/L	N/A	N/A	03/30/2005	WMS2050330

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	75 - 125
Dibromofluoromethane	114	75 - 125
Toluene-d8	107	75 - 125

Analyzed by: TAF

Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-003 Sample ID: STMW-3

Matrix: Liquid Sample Date: 3/24/2005 11:20 AM

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,1,1-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,1,2,2-Tetrachloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,1,2-Trichloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,1-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,1-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,1-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2,3-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2,3-Trichloropropane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2,4-Trichlorobenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2,4-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2-Dibromo-3-Chloropropane	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2-Dibromoethane (EDB)	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,3,5-Trimethylbenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,3-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,3-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,4-Dichlorobenzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
1,4-Dioxane	ND		1	50	µg/L	N/A	N/A	03/29/2005	WMS2050329
2,2-Dichloropropane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
2-Butanone (MEK)	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
2-Chloroethyl-vinyl Ether	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
2-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
2-Hexanone	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
4-Chlorotoluene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
4-Methyl-2-Pentanone(MIBK)	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
Acetone	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
Acetonitrile	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Acrolein	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Acrylonitrile	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Benzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Benzyl Chloride	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Bromobenzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Bromochloromethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Bromodichloromethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Bromoform	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Bromomethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Carbon Disulfide	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Carbon Tetrachloride	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Chlorobenzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Chloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Chloroform	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Chloromethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Project Number: 2-00-706-SI
Project Name: 20570 Stanton Ave.
Date Received: 3/25/2005
P.O. Number: 2-00-706-SI
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 42950-003 Sample ID: STMW-3

Matrix: Liquid Sample Date: 3/24/2005 11:20 AM

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
cis-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Cyclohexanone	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
Dibromochloromethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Dibromomethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Dichlorodifluoromethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Ethyl Benzene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Freon 113	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Hexachlorobutadiene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Iodomethane	ND		1	1	µg/L	N/A	N/A	03/29/2005	WMS2050329
Isopropanol	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
Isopropylbenzene	ND		1	1	µg/L	N/A	N/A	03/29/2005	WMS2050329
Methyl-t-butyl Ether	1.4		1	1	µg/L	N/A	N/A	03/29/2005	WMS2050329
Methylene Chloride	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
n-Butylbenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
n-Propylbenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Naphthalene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
p-Isopropyltoluene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Pentachloroethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
sec-Butylbenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Styrene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	03/29/2005	WMS2050329
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
tert-Butylbenzene	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Tetrachloroethene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Tetrahydrofuran	ND		1	20	µg/L	N/A	N/A	03/29/2005	WMS2050329
Toluene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
trans-1,2-Dichloroethene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
trans-1,3-Dichloropropene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
trans-1,4-Dichloro-2-butene	ND		1	1	µg/L	N/A	N/A	03/29/2005	WMS2050329
Trichloroethene	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Trichlorofluoromethane	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Vinyl Acetate	ND		1	5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Vinyl Chloride	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329
Xylenes, Total	ND		1	0.5	µg/L	N/A	N/A	03/29/2005	WMS2050329

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	75 - 125
Dibromofluoromethane	116	75 - 125
Toluene-d8	109	75 - 125

Analyzed by: TAF

Reviewed by: MTU

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank Liquid

QC Batch ID: WMS2050329

Validated by: MTU - 03/31/05

QC Batch ID Analysis Date: 3/29/2005

Method Blank

Method: EPA 8260B

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.5	µg/L
1,1,1-Trichloroethane	ND	1	0.5	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.5	µg/L
1,1,2-Trichloroethane	ND	1	0.5	µg/L
1,1-Dichloroethane	ND	1	0.5	µg/L
1,1-Dichloroethene	ND	1	0.5	µg/L
1,1-Dichloropropene	ND	1	0.5	µg/L
1,2,3-Trichlorobenzene	ND	1	5	µg/L
1,2,3-Trichloropropane	ND	1	0.5	µg/L
1,2,4-Trichlorobenzene	ND	1	5	µg/L
1,2,4-Trimethylbenzene	ND	1	5	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.5	µg/L
1,2-Dichlorobenzene	ND	1	0.5	µg/L
1,2-Dichloroethane	ND	1	0.5	µg/L
1,2-Dichloropropane	ND	1	0.5	µg/L
1,3,5-Trimethylbenzene	ND	1	5	µg/L
1,3-Dichlorobenzene	ND	1	0.5	µg/L
1,3-Dichloropropane	ND	1	0.5	µg/L
1,4-Dichlorobenzene	ND	1	0.5	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.5	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5	µg/L
2-Chlorotoluene	ND	1	5	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5	µg/L
Acrolein	ND	1	5	µg/L
Acrylonitrile	ND	1	5	µg/L
Benzene	ND	1	0.5	µg/L
Benzyl Chloride	ND	1	5	µg/L
Bromobenzene	ND	1	0.5	µg/L
Bromochloromethane	ND	1	0.5	µg/L
Bromodichloromethane	ND	1	0.5	µg/L
Bromoform	ND	1	0.5	µg/L
Bromomethane	ND	1	0.5	µg/L
Carbon Disulfide	ND	1	0.5	µg/L
Carbon Tetrachloride	ND	1	0.5	µg/L
Chlorobenzene	ND	1	0.5	µg/L
Chloroethane	ND	1	0.5	µg/L
Chloroform	ND	1	0.5	µg/L
Chloromethane	ND	1	0.5	µg/L

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

QC Batch ID: WMS2050329

Validated by: MTU - 03/31/05

QC Batch ID Analysis Date: 3/29/2005

Method Blank

Method: EPA 8260B

Parameter	Result	DF	PQLR	Units
cis-1,2-Dichloroethene	ND	1	0.5	µg/L
cis-1,3-Dichloropropene	ND	1	0.5	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.5	µg/L
Dibromomethane	ND	1	0.5	µg/L
Dichlorodifluoromethane	ND	1	0.5	µg/L
Diisopropyl Ether	ND	1	5	µg/L
Ethyl Benzene	ND	1	0.5	µg/L
Freon 113	ND	1	5	µg/L
Hexachlorobutadiene	ND	1	5	µg/L
Iodomethane	ND	1	1	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1	µg/L
Methyl-t-butyl Ether	ND	1	1	µg/L
Methylene Chloride	ND	1	5	µg/L
n-Butylbenzene	ND	1	5	µg/L
n-Propylbenzene	ND	1	5	µg/L
Naphthalene	ND	1	5	µg/L
p-Isopropyltoluene	ND	1	5	µg/L
Pentachloroethane	ND	1	0.5	µg/L
sec-Butylbenzene	ND	1	5	µg/L
Styrene	ND	1	0.5	µg/L
tert-Amyl Methyl Ether	ND	1	5	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5	µg/L
tert-Butylbenzene	ND	1	5	µg/L
Tetrachloroethene	ND	1	0.5	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.5	µg/L
trans-1,2-Dichloroethene	ND	1	0.5	µg/L
trans-1,3-Dichloropropene	ND	1	0.5	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1	µg/L
Trichloroethene	ND	1	0.5	µg/L
Trichlorofluoromethane	ND	1	0.5	µg/L
Vinyl Acetate	ND	1	5	µg/L
Vinyl Chloride	ND	1	0.5	µg/L
Xylenes, Total	ND	1	0.5	µg/L
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	106	75 - 125		
Dibromofluoromethane	105	75 - 125		
Toluene-d8	110	75 - 125		

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: MTU - 03/31/05

QC BatchID: WMS2050329

Analysis Date: 3/29/2005

Method: EPA 8260B

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.2	20	21	105			80 - 120
Benzene	<0.2	20	21	104			80 - 120
Chlorobenzene	<0.2	20	20	101			80 - 120
Methyl-t-butyl Ether	<0.3	20	22	111			80 - 120
Toluene	<0.2	20	21	107			80 - 120
Trichloroethene	<0.2	20	21	105			80 - 120

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	108	75 - 125
Dibromofluoromethane	109	75 - 125
Toluene-d8	109	75 - 125

Method: EPA 8260B

Conc. Units: µg/L

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.2	20	20	101	4.0	25.0	80 - 120
Benzene	<0.2	20	20	102	1.9	25.0	80 - 120
Chlorobenzene	<0.2	20	20	99.6	1.8	25.0	80 - 120
Methyl-t-butyl Ether	<0.3	20	21	106	5.2	25.0	80 - 120
Toluene	<0.2	20	21	104	2.0	25.0	80 - 120
Trichloroethene	<0.2	20	21	104	1.3	25.0	80 - 120

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	108	75 - 125
Dibromofluoromethane	109	75 - 125
Toluene-d8	108	75 - 125

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank Liquid

QC Batch ID: WMS2050329

Validated by: MTU - 03/31/05

QC Batch ID Analysis Date: 3/29/2005

Method Blank Method: GC-MS

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	98.1	75 - 125
Dibromofluoromethane	92.6	75 - 125
Toluene-d8	95.7	75 - 125

Quality Control - Laboratory Control Spike / Duplicate Results Liquid

Reviewed by: MTU - 03/31/05

QC BatchID: WMS2050329

Analysis Date: 3/29/2005

Method: GC-MS

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<6	250	260	104			65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	99.5	75 - 125
Dibromofluoromethane	94.7	75 - 125
Toluene-d8	96.3	75 - 125

Method: GC-MS

Conc. Units: µg/L

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<6	250	260	103	0.81	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98.5	75 - 125
Dibromofluoromethane	93.9	75 - 125
Toluene-d8	96	75 - 125

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

QC Batch ID: WMS2050330

Validated by: MTU - 03/31/05

QC Batch ID Analysis Date: 3/30/2005

Method Blank

Method: EPA 8260B

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.5	µg/L
1,1,1-Trichloroethane	ND	1	0.5	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.5	µg/L
1,1,2-Trichloroethane	ND	1	0.5	µg/L
1,1-Dichloroethane	ND	1	0.5	µg/L
1,1-Dichloroethene	ND	1	0.5	µg/L
1,1-Dichloropropene	ND	1	0.5	µg/L
1,2,3-Trichlorobenzene	ND	1	5	µg/L
1,2,3-Trichloropropane	ND	1	0.5	µg/L
1,2,4-Trichlorobenzene	ND	1	5	µg/L
1,2,4-Trimethylbenzene	ND	1	5	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.5	µg/L
1,2-Dichlorobenzene	ND	1	0.5	µg/L
1,2-Dichloroethane	ND	1	0.5	µg/L
1,2-Dichloropropane	ND	1	0.5	µg/L
1,3,5-Trimethylbenzene	ND	1	5	µg/L
1,3-Dichlorobenzene	ND	1	0.5	µg/L
1,3-Dichloropropane	ND	1	0.5	µg/L
1,4-Dichlorobenzene	ND	1	0.5	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.5	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5	µg/L
2-Chlorotoluene	ND	1	5	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5	µg/L
Acrolein	ND	1	5	µg/L
Acrylonitrile	ND	1	5	µg/L
Benzene	ND	1	0.5	µg/L
Benzyl Chloride	ND	1	5	µg/L
Bromobenzene	ND	1	0.5	µg/L
Bromochloromethane	ND	1	0.5	µg/L
Bromodichloromethane	ND	1	0.5	µg/L
Bromoform	ND	1	0.5	µg/L
Bromomethane	ND	1	0.5	µg/L
Carbon Disulfide	ND	1	0.5	µg/L
Carbon Tetrachloride	ND	1	0.5	µg/L
Chlorobenzene	ND	1	0.5	µg/L
Chloroethane	ND	1	0.5	µg/L
Chloroform	ND	1	0.5	µg/L
Chloromethane	ND	1	0.5	µg/L

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

QC Batch ID: WMS2050330

Validated by: MTU - 03/31/05

QC Batch ID Analysis Date: 3/30/2005

Method Blank

Method: EPA 8260B

Parameter	Result	DF	PQLR	Units
cis-1,2-Dichloroethene	ND	1	0.5	µg/L
cis-1,3-Dichloropropene	ND	1	0.5	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.5	µg/L
Dibromomethane	ND	1	0.5	µg/L
Dichlorodifluoromethane	ND	1	0.5	µg/L
Diisopropyl Ether	ND	1	5	µg/L
Ethyl Benzene	ND	1	0.5	µg/L
Freon 113	ND	1	5	µg/L
Hexachlorobutadiene	ND	1	5	µg/L
Iodomethane	ND	1	1	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1	µg/L
Methyl-t-butyl Ether	ND	1	1	µg/L
Methylene Chloride	ND	1	5	µg/L
n-Butylbenzene	ND	1	5	µg/L
n-Propylbenzene	ND	1	5	µg/L
Naphthalene	ND	1	5	µg/L
p-Isopropyltoluene	ND	1	5	µg/L
Pentachloroethane	ND	1	0.5	µg/L
sec-Butylbenzene	ND	1	5	µg/L
Styrene	ND	1	0.5	µg/L
tert-Amyl Methyl Ether	ND	1	5	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5	µg/L
tert-Butylbenzene	ND	1	5	µg/L
Tetrachloroethene	ND	1	0.5	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.5	µg/L
trans-1,2-Dichloroethene	ND	1	0.5	µg/L
trans-1,3-Dichloropropene	ND	1	0.5	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1	µg/L
Trichloroethene	ND	1	0.5	µg/L
Trichlorofluoromethane	ND	1	0.5	µg/L
Vinyl Acetate	ND	1	5	µg/L
Vinyl Chloride	ND	1	0.5	µg/L
Xylenes, Total	ND	1	0.5	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	107	75 - 125
Dibromofluoromethane	108	75 - 125
Toluene-d8	108	75 - 125

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: MTU - 03/31/05

QC BatchID: WMS2050330

Analysis Date: 3/30/2005

Method: EPA 8260B

Conc. Units: $\mu\text{g/L}$

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.2	20	21	107			80 - 120
Benzene	<0.2	20	21	106			80 - 120
Chlorobenzene	<0.2	20	20	102			80 - 120
Methyl-t-butyl Ether	<0.3	20	23	116			80 - 120
Toluene	<0.2	20	21	107			80 - 120
Trichloroethene	<0.2	20	21	106			80 - 120

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	106	75 - 125
Dibromofluoromethane	111	75 - 125
Toluene-d8	107	75 - 125

Method: EPA 8260B

Conc. Units: $\mu\text{g/L}$

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.2	20	21	105	2.8	25.0	80 - 120
Benzene	<0.2	20	21	105	0.64	25.0	80 - 120
Chlorobenzene	<0.2	20	20	102	0.53	25.0	80 - 120
Methyl-t-butyl Ether	<0.3	20	23	114	1.9	25.0	80 - 120
Toluene	<0.2	20	21	105	1.5	25.0	80 - 120
Trichloroethene	<0.2	20	22	108	1.2	25.0	80 - 120

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	105	75 - 125
Dibromofluoromethane	110	75 - 125
Toluene-d8	105	75 - 125

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

QC Batch ID: WMS2050330

Validated by: MTU - 03/31/05

QC Batch ID Analysis Date: 3/30/2005

Method Blank

Method: GC-MS

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	98.9	75 - 125		
Dibromofluoromethane	95.4	75 - 125		
Toluene-d8	94.1	75 - 125		

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

Reviewed by: MTU - 03/31/05

QC Batch ID: WMS2050330

Analysis Date: 3/30/2005

Method: GC-MS

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	Spike Result	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<6	250	260	105			65 - 135
Surrogate	% Recovery	Control Limits					
4-Bromofluorobenzene	97.7	75 - 125					
Dibromofluoromethane	94.6	75 - 125					
Toluene-d8	95.4	75 - 125					

Method: GC-MS

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	Spike Result	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<6	250	250	102	3.1	25.0	65 - 135
Surrogate	% Recovery	Control Limits					
4-Bromofluorobenzene	98.3	75 - 125					
Dibromofluoromethane	95.6	75 - 125					
Toluene-d8	93.7	75 - 125					

